

Marc Mangel

List of Publications by Year in descending order

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149
papers

8,798
citations

57631

44
h-index

51492

86
g-index

171
all docs

171
docs citations

171
times ranked

7572
citing authors

#	ARTICLE	IF	CITATIONS
1	The evolutionary advantages of group foraging. <i>Theoretical Population Biology</i> , 1986, 30, 45-75.	0.5	541
2	Towards a Unified Foraging Theory. <i>Ecology</i> , 1986, 67, 1127-1138.	1.5	478
3	Foraging and Flocking Strategies: Information in an Uncertain Environment. <i>American Naturalist</i> , 1984, 123, 626-641.	1.0	381
4	Modelling the proximate basis of salmonid life-history variation, with application to Atlantic salmon, <i>Salmo salar</i> L. <i>Evolutionary Ecology</i> , 1998, 12, 581-599.	0.5	350
5	Dynamic models in behavioural and evolutionary ecology. <i>Nature</i> , 1988, 332, 29-34.	13.7	340
6	The global contribution of forage fish to marine fisheries and ecosystems. <i>Fish and Fisheries</i> , 2014, 15, 43-64.	2.7	311
7	IMPLEMENTING THE PRECAUTIONARY PRINCIPLE IN FISHERIES MANAGEMENT THROUGH MARINE RESERVES. , 1998, 8, S72-S78.		276
8	Opposition site selection and clutch size in insects. <i>Journal of Mathematical Biology</i> , 1987, 25, 1-22.	0.8	238
9	Principles for the Conservation of Wild Living Resources. , 1996, 6, 338-362.		236
10	Ecology, Conservation, and Public Policy. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2001, 32, 481-517.	6.7	231
11	A Lifeâ€­History Perspective on Shortâ€­and Longâ€­Term Consequences of Compensatory Growth. <i>American Naturalist</i> , 2005, 166, E155-E176.	1.0	202
12	No-take Reserve Networks: Sustaining Fishery Populations and Marine Ecosystems. <i>Fisheries</i> , 1999, 24, 11-25.	0.6	196
13	THE BENEFITS OF INDUCED DEFENSES AGAINST HERBIVORES. <i>Ecology</i> , 1997, 78, 1351-1355.	1.5	184
14	Fluctuations of fish populations and the magnifying effects of fishing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7075-7080.	3.3	178
15	Life expectancy and reproduction. <i>Nature</i> , 1993, 364, 108-108.	13.7	163
16	Evolution of Host Selection in Parasitoids: Does the State of the Parasitoid Matter?. <i>American Naturalist</i> , 1989, 133, 688-705.	1.0	142
17	Egg maturation, egg resorption and the costliness of transient egg limitation in insects. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000, 267, 1565-1573.	1.2	130
18	Regime, phase and paradigm shifts: making community ecology the basic science for fisheries. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2005, 360, 95-105.	1.8	121

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19	MODELING INVESTMENTS IN SEEDS, CLONAL OFFSPRING, AND TRANSLOCATION IN A CLONAL PLANT. <i>Ecology</i> , 1999, 80, 1202-1220.	1.5	117
20	On the evolutionary ecology of marking pheromones. <i>Evolutionary Ecology</i> , 1988, 2, 289-315.	0.5	116
21	Non-genetic inheritance and changing environments. <i>Non-Genetic Inheritance</i> , 2013, 1, .	0.8	113
22	PREY STATE AND EXPERIMENTAL DESIGN AFFECT RELATIVE SIZE OF TRAIT- AND DENSITY-MEDIATED INDIRECT EFFECTS. <i>Ecology</i> , 2003, 84, 1140-1150.	1.5	110
23	Uncertainty, search, and information in fisheries. <i>ICES Journal of Marine Science</i> , 1983, 41, 93-103.	1.2	100
24	Oviposition habitat selection by the mosquito <i>Culiseta longiareolata</i> in response to risk of predation and conspecific larval density. <i>Ecological Entomology</i> , 2003, 28, 168-173.	1.1	99
25	A perspective on steepness, reference points, and stock assessment. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2013, 70, 930-940.	0.7	94
26	Reproductive ecology and scientific inference of steepness: a fundamental metric of population dynamics and strategic fisheries management. <i>Fish and Fisheries</i> , 2010, 11, 89-104.	2.7	88
27	Overcoming the Data Crisis in Biodiversity Conservation. <i>Trends in Ecology and Evolution</i> , 2018, 33, 676-688.	4.2	85
28	A Simple Population Estimate Based on Simulation for Capture-Recapture and Capture-Resight Data. <i>Ecology</i> , 1989, 70, 1738-1751.	1.5	83
29	Ten principles from evolutionary ecology essential for effective marine conservation. <i>Ecology and Evolution</i> , 2016, 6, 2125-2138.	0.8	83
30	Habitat Loss and Changes in the Speciesâ€”Area Relationship. <i>Conservation Biology</i> , 2000, 14, 893-898.	2.4	78
31	Patchâ€”leaving rules for parasitoids with imperfect host discrimination. <i>Ecological Entomology</i> , 1994, 19, 374-380.	1.1	77
32	Abraham Wald's Work on Aircraft Survivability. <i>Journal of the American Statistical Association</i> , 1984, 79, 259-267.	1.8	72
33	Evolution of Sizeâ€”Dependent Flowering in <i>Onopordum illyricum</i> : A Quantitative Assessment of the Role of Stochastic Selection Pressures. <i>American Naturalist</i> , 1999, 154, 628-651.	1.0	67
34	Steelhead Life History on California's Central Coast: Insights from a Stateâ€”Dependent Model. <i>Transactions of the American Fisheries Society</i> , 2009, 138, 532-548.	0.6	67
35	Title is missing!. <i>Hydrobiologia</i> , 2002, 485, 183-189.	1.0	63
36	QUANTIFYING NATURAL SELECTION ON BODY SIZE FROM FIELD DATA: WINTER MORTALITY IN MENIDIA MENIDIA. <i>Ecology</i> , 2003, 84, 2168-2177.	1.5	62

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37	Determining Individual Variation in Growth and Its Implication for Life-History and Population Processes Using the Empirical Bayes Method. <i>PLoS Computational Biology</i> , 2014, 10, e1003828.	1.5	61
38	State-dependent life history models in a changing (and regulated) environment: steelhead in the California Central Valley. <i>Evolutionary Applications</i> , 2010, 3, 221-243.	1.5	60
39	Using Grizzly Bears to Assess Harvest-Ecosystem Tradeoffs in Salmon Fisheries. <i>PLoS Biology</i> , 2012, 10, e1001303.	2.6	60
40	Density-dependent body growth reduces the potential of marine reserves to enhance yields. <i>Journal of Applied Ecology</i> , 2005, 43, 61-69.	1.9	57
41	Growth, telomere dynamics and successful and unsuccessful human aging. <i>Mechanisms of Ageing and Development</i> , 2003, 124, 829-837.	2.2	56
42	A Dynamic State Model of Migratory Behavior and Physiology to Assess the Consequences of Environmental Variation and Anthropogenic Disturbance on Marine Vertebrates. <i>American Naturalist</i> , 2018, 191, E40-E56.	1.0	56
43	Predation-dependent oviposition habitat selection by the mosquito <i>Culiseta longiareolata</i> : a test of competing hypotheses. <i>Ecology Letters</i> , 2002, 6, 35-40.	3.0	54
44	Reproductive senescence and dynamic oviposition behaviour in insects. <i>Evolutionary Ecology</i> , 1998, 12, 871-879.	0.5	53
45	Bayesian nonparametric analysis of stock–recruitment relationships. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2005, 62, 1808-1821.	0.7	51
46	EVOLUTIONARY ANALYSIS OF LIFE SPAN, COMPETITION, AND ADAPTIVE RADIATION, MOTIVATED BY THE PACIFIC ROCKFISHES (SEBASTES). <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 1208-1224.	1.1	49
47	ECOLOGICAL GAMES IN SPACE AND TIME: THE DISTRIBUTION AND ABUNDANCE OF ANTARCTIC KRILL AND PENGUINS. <i>Ecology</i> , 2003, 84, 1598-1607.	1.5	44
48	Age and longevity in fish, with consideration of the ferox trout. <i>Experimental Gerontology</i> , 2001, 36, 765-790.	1.2	43
49	Search and Stock Depletion: Theory and Applications. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1985, 42, 150-163.	0.7	41
50	Anthropogenic disturbance in a changing environment: modelling lifetime reproductive success to predict the consequences of multiple stressors on a migratory population. <i>Oikos</i> , 2019, 128, 1340-1357.	1.2	41
51	A Statistical Framework for the Adaptive Management of Epidemiological Interventions. <i>PLoS ONE</i> , 2009, 4, e5807.	1.1	40
52	Smolt Transformation in Two California Steelhead Populations: Effects of Temporal Variability in Growth. <i>Transactions of the American Fisheries Society</i> , 2010, 139, 1263-1275.	0.6	40
53	A unified treatment of top-down and bottom-up control of reproduction in populations. <i>Ecology Letters</i> , 2005, 8, 691-695.	3.0	39
54	Connecting recruitment of Antarctic krill and sea ice. <i>Limnology and Oceanography</i> , 2009, 54, 799-811.	1.6	39

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55	Modeling play: distinguishing between origins and current functions. <i>Adaptive Behavior</i> , 2015, 23, 331-339.	1.1	39
56	Life's "history trade-offs" and ecological dynamics in the evolution of longevity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 1143-1150.	1.2	38
57	Phenotypic Evolutionary Models in Stem Cell Biology: Replacement, Quiescence, and Variability. <i>PLoS ONE</i> , 2008, 3, e1591.	1.1	38
58	Cold snaps, heatwaves, and arthropod growth. <i>Ecological Entomology</i> , 2016, 41, 653-659.	1.1	38
59	Maternal age, fecundity, egg quality, and recruitment: linking stock structure to recruitment using an age-structured Ricker model. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2012, 69, 1631-1641.	0.7	37
60	Adaptive walks on behavioural landscapes and the evolution of optimal behaviour by natural selection. <i>Evolutionary Ecology</i> , 1991, 5, 30-39.	0.5	36
61	Life history invariants, age at maturity and the ferox trout. <i>Evolutionary Ecology</i> , 1996, 10, 249-263.	0.5	36
62	Contrasts in Habitat Characteristics and Life History Patterns of <i>Oncorhynchus mykiss</i> in California's Central Coast and Central Valley. <i>Transactions of the American Fisheries Society</i> , 2012, 141, 747-760.	0.6	36
63	State-dependent behavioural theory for assessing the fitness consequences of anthropogenic disturbance on capital and income breeders. <i>Methods in Ecology and Evolution</i> , 2017, 8, 552-560.	2.2	36
64	Descriptions of superparasitism by optimal foraging theory, evolutionarily stable strategies and quantitative genetics. <i>Evolutionary Ecology</i> , 1992, 6, 152-169.	0.5	35
65	Fishing-induced evolution and changing reproductive ecology of fish: the evolution of steepness. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2010, 67, 1708-1719.	0.7	35
66	A model at the level of the foraging trip for the indirect effects of krill (<i>Euphausia superba</i>) fisheries on krill predators. <i>Ecological Modelling</i> , 1998, 105, 235-256.	1.2	34
67	State-Dependent Mate-Assessment and Mate-Selection Behavior in Female Threespine Sticklebacks (<i>Gasterosteus aculeatus</i> , <i>Gasterosteiformes</i> : <i>Gasterosteidae</i>). <i>Ethology</i> , 2001, 107, 545-558.	0.5	34
68	Spatial and temporal scale of density-dependent body growth and its implications for recruitment, population dynamics and management of stream-dwelling salmonid populations. <i>Reviews in Fish Biology and Fisheries</i> , 2012, 22, 813-825.	2.4	34
69	Assessing opportunity and relocation costs of marine protected areas using a behavioural model of longline fleet dynamics. <i>Fish and Fisheries</i> , 2012, 13, 139-157.	2.7	34
70	A meta-analysis of fecundity in rockfishes (genus <i>Sebastes</i>). <i>Fisheries Research</i> , 2017, 187, 73-85.	0.9	33
71	State-Dependent Migration Timing and Use of Multiple Habitat Types in Anadromous Salmonids. <i>Transactions of the American Fisheries Society</i> , 2012, 141, 781-794.	0.6	32
72	Reproductive hyperallometry and managing the world's fisheries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	31

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73	Within- and among-population variation in vital rates and population dynamics in a variable environment. <i>Ecological Applications</i> , 2016, 26, 2086-2102.	1.8	30
74	Avoiding tipping points in fisheries management through Gaussian process dynamic programming. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20141631.	1.2	29
75	Trends and Carrying Capacity of Sea Otters in Southeast Alaska. <i>Journal of Wildlife Management</i> , 2019, 83, 1073-1089.	0.7	29
76	A state-dependent model for assessing the population consequences of disturbance on income-breeding mammals. <i>Ecological Modelling</i> , 2018, 385, 133-144.	1.2	28
77	Selectivity matters: Rules of thumb for management of plate-sized, sex-changing fish in the live reef food fish trade. <i>Fish and Fisheries</i> , 2017, 18, 821-836.	2.7	27
78	Conditioned averages in chemical kinetics. <i>Journal of Chemical Physics</i> , 1981, 75, 704-709.	1.2	25
79	The shape of things to come: using models with physiological structure to predict mortality trajectories. <i>Theoretical Population Biology</i> , 2004, 65, 353-359.	0.5	25
80	Stochastic Dynamic Programming Illuminates the Link Between Environment, Physiology, and Evolution. <i>Bulletin of Mathematical Biology</i> , 2015, 77, 857-877.	0.9	25
81	Using Life History And Persistence Criteria To Prioritize Habitats For Management And Conservation. , 2006, 16, 797-806.		24
82	MULTIPLE HYPOTHESIS TESTING AND THE DECLINING-POPULATION PARADIGM IN STELLER SEA LIONS. , 2008, 18, 1932-1955.		24
83	Interacting effects of behavior and oceanography on growth in salmonids with examples for coho salmon (<i>Oncorhynchus kisutch</i>). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2005, 62, 1219-1230.	0.7	23
84	Genetic and life-history consequences of extreme climate events. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20162118.	1.2	23
85	A framework for assessing the biodiversity and fishery aspects of marine reserves. <i>Journal of Applied Ecology</i> , 2009, 46, 735-742.	1.9	22
86	Stem cell biology is population biology: differentiation of hematopoietic multipotent progenitors to common lymphoid and myeloid progenitors. <i>Theoretical Biology and Medical Modelling</i> , 2013, 10, 5.	2.1	22
87	The emotion system promotes diversity and evolvability. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141096.	1.2	22
88	The strong connection between forage fish and their predators: A response to Hilborn et al. (2017). <i>Fisheries Research</i> , 2018, 198, 220-223.	0.9	21
89	Early oviposition experience affects patch residence time in a foraging parasitoid. <i>Entomologia Experimentalis Et Applicata</i> , 2001, 98, 123-132.	0.7	18
90	Modeling optimal responses and fitness consequences in a changing Arctic. <i>Global Change Biology</i> , 2019, 25, 3450-3461.	4.2	18

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91	Applying scientific principles in international law on whaling. <i>Science</i> , 2014, 345, 1125-1126.	6.0	17
92	Trade-offs between accuracy and interpretability in von Bertalanffy random-effects models of growth. <i>Ecological Applications</i> , 2016, 26, 1535-1552.	1.8	17
93	Stochastic Dynamics of Interacting Haematopoietic Stem Cell Niche Lineages. <i>PLoS Computational Biology</i> , 2014, 10, e1003794.	1.5	16
94	Feedback control in planarian stem cell systems. <i>BMC Systems Biology</i> , 2016, 10, 17.	3.0	15
95	Predicting the population consequences of acoustic disturbance, with application to an endangered gray whale population. <i>Ecological Applications</i> , 2021, 31, e02440.	1.8	15
96	Mosquito Biting and Movement Rates as an Emergent Community Property and The Implications for Malarial Interventions. <i>Israel Journal of Ecology and Evolution</i> , 2010, 56, 297-312.	0.2	14
97	Estimating species composition and quantifying uncertainty in multispecies fisheries: hierarchical Bayesian models for stratified sampling protocols with missing data. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2012, 69, 231-246.	0.7	14
98	Evolutionary optimization and neural network models of behavior. <i>Journal of Mathematical Biology</i> , 1990, 28, 237-56.	0.8	13
99	Behavioral models as a common framework to predict impacts of environmental change on seabirds and fur seals. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2012, 65-70, 304-315.	0.6	13
100	Ecosystem Oceanography of Seabird Hotspots: Environmental Determinants and Relationship with Antarctic Krill Within an Important Fishing Ground. <i>Ecosystems</i> , 2017, 20, 885-903.	1.6	13
101	Bayesian analysis of size-dependent overwinter mortality from size-frequency distributions. <i>Ecology</i> , 2010, 91, 1016-1024.	1.5	12
102	Risk sensitivity and the behaviour of fishing vessels. <i>Fish and Fisheries</i> , 2015, 16, 399-425.	2.7	12
103	The inverse life-history problem, size-dependent mortality and two extensions of results of Holt and Beverton. <i>Fish and Fisheries</i> , 2017, 18, 1192-1200.	2.7	12
104	The Behavioral Ecology of Fishing Vessels: Achieving Conservation Objectives Through Understanding the Behavior of Fishing Vessels. <i>Environmental and Resource Economics</i> , 2015, 61, 71-85.	1.5	11
105	Whales, science, and scientific whaling in the International Court of Justice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14523-14527.	3.3	11
106	Parent-offspring conflict over reproductive timing: ecological dynamics far away and at other times may explain spawning variability in Pacific herring. <i>ICES Journal of Marine Science</i> , 2019, 76, 559-572.	1.2	11
107	Density dependence, lifespan and the evolutionary dynamics of longevity. <i>Theoretical Population Biology</i> , 2009, 75, 46-55.	0.5	10
108	Accounting for indirect effects and non-commensurate values in ecosystem based fishery management (EBFM). <i>Marine Policy</i> , 2010, 34, 114-119.	1.5	10

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109	Asymptotic size and natural mortality of long-lived fish for data poor stock assessments. Fisheries Research, 2012, 127-128, 45-48.	0.9	10
110	Threshold levels of generalist predation determine consumer response to resource pulses. Oikos, 2015, 124, 1436-1443.	1.2	10
111	Reference Points for Optimal Yield: A Framework for Assessing Economic, Conservation, and Sociocultural Tradeoffs in Ecosystem-Based Fishery Management. Coastal Management, 2016, 44, 517-528.	1.0	10
112	Stationary distribution of population size in Tribolium. Bulletin of Mathematical Biology, 1989, 51, 625-638.	0.9	9
113	A dynamic habitat selection game. Mathematical Biosciences, 1990, 100, 241-248.	0.9	9
114	Scientific inference and experiment in Ecosystem Based Fishery Management, with application to Steller sea lions in the Bering Sea and Western Gulf of Alaska. Marine Policy, 2010, 34, 836-843.	1.5	9
115	Linking physiological approaches to marine vertebrate conservation: using sex steroid hormone determinations in demographic assessments. , 2014, 2, cot035-cot035.		9
116	Climate variability and multi-scale assessment of the krill preyscape near the north Antarctic Peninsula. Polar Biology, 2017, 40, 697-711.	0.5	9
117	Operationalizing triple bottom line harvest strategies. ICES Journal of Marine Science, 2021, 78, 731-742.	1.2	9
118	Regulatory Mechanisms and Information Processing in Uncertain Fisheries. Marine Resource Economics, 1985, 1, 389-418.	1.1	9
119	Linking food availability, body growth and survival in the black-legged kittiwake Rissa tridactyla. Deep-Sea Research Part II: Topical Studies in Oceanography, 2013, 94, 192-200.	0.6	8
120	Thermal Potential for Steelhead Life History Expression in a Southern California Alluvial River. Transactions of the American Fisheries Society, 2015, 144, 258-273.	0.6	8
121	amei: An <i>R</i> Package for the Adaptive Management of Epidemiological Interventions. Journal of Statistical Software, 2010, 36, .	1.8	8
122	Applied Mathematicians and Naval Operators. SIAM Review, 1982, 24, 289-300.	4.2	7
123	Weapon acquisition with target uncertainty. Naval Research Logistics Quarterly, 1985, 32, 567-588.	0.4	7
124	Optimising harvest strategies over multiple objectives and stakeholder preferences. Ecological Modelling, 2020, 435, 109243.	1.2	7
125	Invariant Ratios Vs. Dimensionless Ratios. Science, 2005, 310, 1426-1427.	6.0	6
126	State-dependent behavioral theory and the evolution of play. Adaptive Behavior, 2015, 23, 362-370.	1.1	6

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127	Intercohort size structure dynamics of fire salamander larvae in ephemeral habitats: a mesocosm experiment. <i>Oecologia</i> , 2015, 179, 425-433.	0.9	6
128	A latitudinal gradient in thermal transgenerational plasticity and a test of theory. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210797.	1.2	6
129	The evolutionary ecology of stem cells and their niches “the time is now. <i>Oikos</i> , 2007, 116, 1779-1781.	1.2	5
130	Size-conditional smolting and the response of Carmel River steelhead to two decades of conservation efforts. <i>PLoS ONE</i> , 2017, 12, e0188971.	1.1	5
131	Propensity for Risk in Reproductive Strategy Affects Susceptibility to Anthropogenic Disturbance. <i>American Naturalist</i> , 2020, 196, E71-E87.	1.0	5
132	Density-independent mortality at early life stages increases the probability of overlooking an underlying stock“recruitment relationship. <i>ICES Journal of Marine Science</i> , 2021, 78, 2193-2203.	1.2	5
133	Stochastic dynamic programming: An approach for modelling the population consequences of disturbance due to lost foraging opportunities. <i>Proceedings of Meetings on Acoustics</i> , 2016, , .	0.3	5
134	Prevention Versus Remediation in Resistance Management. <i>ACS Symposium Series</i> , 1996, , 169-186.	0.5	4
135	A Framework for Exploring the Role of Bioeconomics on Observed Fishing Patterns and Ecosystem Dynamics. <i>Coastal Management</i> , 2016, 44, 529-546.	1.0	4
136	Diffusion theory of reaction rates for multiple potential barriers. <i>Journal of Chemical Physics</i> , 1981, 75, 5969-5971.	1.2	3
137	Principles for the conservation of wild living resources. <i>Environment and Development Economics</i> , 1997, 2, 39-110.	1.3	3
138	The Important Role of Theory in Conservation Biology. <i>Conservation Biology</i> , 2002, 16, 843-844.	2.4	3
139	A generalized perturbation approach for exploring stock recruitment relationships. <i>Theoretical Ecology</i> , 2015, 8, 1-13.	0.4	3
140	Know your organism, know your data“. <i>ICES Journal of Marine Science</i> , 2017, 74, 1237-1248.	1.2	3
141	Matrix methods for stochastic dynamic programming in ecology and evolutionary biology. <i>Methods in Ecology and Evolution</i> , 2019, 10, 1952-1961.	2.2	3
142	Required reading for (ecological) battles. <i>Trends in Ecology and Evolution</i> , 2001, 16, 110-111.	4.2	2
143	Sidney Holt on principles for the conservation of wild living resources, whaling in the Antarctic, and the Beverton“Holt stock“recruitment relationship. <i>ICES Journal of Marine Science</i> , 2021, 78, 2211-2217.	1.2	2
144	Four examples and a metaphor. , 0, , 1-19.		1

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145	Quantifying the effect of vessel interference on catch rates: A theoretical approach. <i>Ecological Modelling</i> , 2017, 359, 293-300.	1.2	1
146	: On the cusp of a revolution in foraging theory. <i>Theoretical Population Biology</i> , 2020, 133, 25-26.	0.5	1
147	Modeling Coupled Nonlinear Multilayered Dynamics: Cyber Attack and Disruption of an Electric Grid. <i>Complexity</i> , 2021, 2021, 1-19.	0.9	1
148	Dynamic theories of behavior. <i>Behavioral and Brain Sciences</i> , 1988, 11, 139-141.	0.4	0
149	Discussion: From individuals to ecosystems; the papers of Skellam, Lindeman and Hutchinson. <i>Bulletin of Mathematical Biology</i> , 1991, 53, 119-134.	0.9	0